February 7, 2005

Sheet <u>1</u> of <u>7</u> Attomey Docket No. SUBSTITUTE FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE 01948/088004 (MODIFIED) PATENT AND TRADEMARK OFFICE Serial No. 10/624,809 **Applicant** Karumanchi et al. INFORMATION DISCLOSURE STATEMENT BY APPLICANT Filing Date July 21, 2003 (Use several sheets if necessary) Group 1645

IDS Filed

(37 C.F.R. § 1.98(b))

			U.S. PATENT DOCUMENTS	····		
Examiner's Initials	Patent Number	Issue Date	Patentee or Applicant	Class	Subclass	Filing Date (If Appropriate)
1D	5,194,596	3/16/1993	Tischer et al.			
D	5,219,739	6/15/1993	Tischer et al			
19	5,238,819	8/24/1993	Roberts et al.			
19	5,240,848	8/31/1993	Keck et al.			
1)	5,332,671	7/26/1994	Ferrara et al.			
19	5,543,138	8/6/1996	Keith			
17)	5,712,395	1/27/1998	App et al.			
1)	5,763,441	6/9/1998	App et al.			
1)	5,830,879	11/3/1998	Isner			
I)	6,100,071	8/8/2000	Davis-Smyth et al.			
1)	6,258,787	7/10/2001	Isner			
17	6,365,157	4/2/2002	Rockwell et al.			
19	6,399,585	6/4/2002	Larson et al.			
1)	6,410,322	6/25/2002	Robinson			
10	6,447,768	9/10/2002	Van Zonneveld et al.			
19	6,677,300	1/13/2004	Schreiner et al.			
(I)	2003/0114412	6/19/2003	Ward et al.			
り	2003/0220262	11/27/2003	Schreiner et al.			
· · · · · · · · · · · · · · · · · · ·						
EXAMINER	MN		DATE CONSIDER	ED 6/20	12000	<u></u>

SUBSTITUTE FORM PTO-1449		Attorney Docket No.	01948/088004
(MODIFIED)	PATENT AND TRADEMARK OFFICE	Serial No.	10/624,809
INFORMATIO	ON DISCUOSIDE	Applicant	Karumanchi et al.
STATEMEN'	ON DISCLOSURE T BY APPLICANT Theets if necessary)	Filing Date	July 21, 2003
(Ose several s	sileets ii riecessary)	Group	1645
(37 C.F.R. § 1.98(b))		IDS Filed	February 7, 2005

	FORE	IGN PATENT	OR PUBLISHED FOREIGN PATENT	APPLICATION	ON	<u>,</u>		
Examiner's Initials	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation (Yes/No)		
D	WO 98/28006	7/2/1998	WIPO					
19)	WO 02/37120	5/10/2002	WIPO					
	OTHER DOC	JMENTS (INCL	UDING AUTHOR, TITLE, DATE, PLA	ACE OF PUB	LICATION)			
10			cental Vascular Endothelial Growth Figen-A Review," Placenta 21:S16-S24		and Placenta	Growth Factor		
り			EGF Enhances Tumor Survivability Vi 19:4621-4631 (2000).	a Suppression	on of Serum D	eprivation-		
ツ			1 Secreted by Endothelial Cells and Managemesis 4:143-154 (2001).	Aonocytes is	Present in Hu	man Serum and		
1)		Baumgartner et al., "Constitutive Expression of phVEGF ₁₆₅ After Intramuscular Gene Transfer Promotes Collateral Vessel Development in Patients with Critical Limb Ischemia," Circulation 97:1114-1123 (1998).						
ツ		Belgore et al., "Measurement of Free and Complexed Soluble Vascular Endothelial Growth Factor Receptor, Fit- 1, in Fluid Samples: Development and Application of Two New Immunoassays," Clin. Sci. 100:567-575 (2001).						
19		Belgore et al., "Plasma Levels of Vascular Endothelial Growth Factor and Its Soluble Receptor (SFIt-1) in Essential Hypertension," Am. J. Cardiol. 87:805-807 (2001).						
19	Belgore et al., "sF	It-1, a Potentia	Antagonist for Exogenous VEGF," C	Circulation 10	2:E108-E109	(2000).		
19		Belgore et al., "Successful Therapy Reduces Levels of Vascular Endothelial Growth Factor (VEGF) in Patients with Hypertension and Patients with Hypercholesterolemia," Atherosclerosis 151:599 (2000).						
19	Belgore et al., "Va Biomed. Sci. 57:2		elial Growth Factor and its Receptor,	Flt-1, in Smo	kers and Non	Smokers," Br. J.		
19		Blann et al., "Plasma Vascular Endothelial Growth Factor and Its Receptor Fit-1 in Patients with Hyperlipidemia and Atherosclerosis and the Effects of Fluvastatin or Fenofibrate," Am. J. Cardiol. 87:1160-1163 (2001).						
Ŋ	Bouletreau et al., "Hypoxia and VEGF Up-Regulate BMP-2 mRNA and Protein Expression in Microvascular Endothelial Cells: Implications for Fracture Healing," <i>Plast. Reconstr. Surg.</i> 109:2384-2397 (2002).							
1)	Celletti et al., "Effect of Human Recombinant Vascular Endothelial Growth Factor165 on Progression of Atherosclerotic Plaque," J. Am. Coll. Cardiol. 37:2126-2130 (2001).							
10	Charnock-Jones et al., Determination of the Circulating Levels of the Soluble Form of the VEGF-R1 (sFlt-1) in Women at High Risk of Developing Pre-Eclampsia, J. Soc. Gynecol. Investig. 10:166A Abstract No. 230 (2003).							

EXAMINER	1/	1	1	1//	<i>f</i>	DATE CONSIDERED	6/20	1206
EVAMINEO: I	sitial ail	otion cons	dorek	Drawi	so through citatio	n if not in conformance as	d pot con	cidered l

SUBSTITUTE FORM PTO-1449	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	Attorney Docket No.	01948/088004
(MODIFIED)		Serial No.	10/624,809
INEODMATIC	ON DISCLOSURE	Applicant	Karumanchi et al.
STATEMEN'	T BY APPLICANT heets if necessary)	Filing Date	July 21, 2003
(Ose several s	nicets ii necessary)	Group	1645
(37 C.F.R. § 1.98(b))		IDS Filed	February 7, 2005

	OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PLACE OF PUBLICATION)
19	Charnock-Jones et al., "Identification and Localization of Alternately Spliced mRNAs for Vascular Endothelial Growth Factor in Human Uterus and Estrogen Regulation in Endometrial Carcinoma Cell Lines," <i>Biol. Reprod.</i> 48:1120-1128 (1993).
10	Clark et al., "A Vascular Endothelial Growth Factor Antagonist is Produced by the Human Placenta and Released into the Maternal Circulation," <i>Biol. Reprod.</i> 59:1540-1548 (1998).
(1)	Cockell et al., "Human Placental Syncytiotrophoblast Microvillous Membranes Impair Maternal Vascular Endothelial Function," Br. J. Obstet. Gynaecol. 104:235-240 (1997).
19	Cohen et al., "Amelioration of Diabetic Nephropathy by Treatment with Monoclonal Antibodies Against Glycated Albumin," <i>Kidney Int.</i> 45:1673-1679 (1994).
19	Deodato et al., "Recombinant AAV Vector Encoding Human VEGF165 Enhances Wound Healing," Gene Ther. 9:777-785 (2002).
19	Eddahibi et al., "Imbalance Between Platelet Vascular Endothelial Growth Factor and Platelet-Derived Growth Factor in Pulmonary Hypertension," Am. J. Respir. Crit. Care Med. 162:1493-1499 (2000).
19	Eremina et al., "Glomerular-Specific Alterations of VEGF-A Expression Lead to Distinct Congenital and Acquired Renal Diseases," J. Clin. Invest. 111:707-716 (2003).
(I)	Ferguson, "Meeting Highlights: Highlights of the 48th Scientific Sessions of the American College of Cardiology," Circulation 100:570-575 (1999).
19	Ferrara et al., "The Role of Vascular Endothelial Growth Factor in Angiogenesis," Acta Haematol. 106:148-156 (2001).
1))	Freedman et al., "Therapeutic Anglogenesis for Coronary Artery Disease," Ann. Intern. Med. 136:54-71 (2002).
ツ	Gille et al., "Analysis of Biological Effects and Signaling Properties of Flt-1 (VEGFR-1) and KDR (VEGFR-2)," J. Biol. Chem. 276:3222-3230 (2001).
1)	Graubert et al., "Vascular Repair After Menstruation Involves Regulation of Vascular Endothelial Growth Factor-Receptor Phosphorylation by sFLT-1," Am. J. Pathol. 158:1399-1410 (2001).
D	Hayashi et al., "Changes in Urinary Excretion of Six Biochemical Parameters in Normotensive Pregnancy and Preeclampsia," Am. J. Kidney Dis. 39:392-400 (2002).
1)	He et al., "Alternative Splicing of Vascular Endothelial Growth Factor (VEGF)-R1 (FLT-1) Pre-mRNA is Important for the Regulation of VEGF Activity," Mol. Endocrinol. 13:537-45 (1999).
19	He et al., "Vascular Endothelial Growth Factor Signals Endothelial Cell Production of Nitric Oxide and Prostacyclin through Fik-1/KDR Activation of c-Src," <i>J. Biol. Chem.</i> 274:25130-25135 (1999).

EXAMINER ///	DATE CONSIDERED 6/20/2006
EXAMINER: Initial citation considered. Draw line through citation form with the next communication to applicant.	n if not in conformance and not considered. Include copy of this

SUBSTITUTE FORM PTO-1449 (MODIFIED)	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	Attorney Docket No. Serial No.	01948/088004 10/624,809
		Applicant	Karumanchi et al.
STATEMEN'	ON DISCLOSURE T BY APPLICANT	Filing Date	July 21, 2003
(Use several s	heets if necessary)	Group	1645
(37 C.F.R. § 1.98(b))	·	IDS Filed	February 7, 2005

	OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PLACE OF PUBLICATION)							
1)	Heeschen et al., "Nicotine Stimulates Angiogenesis and Promotes Tumor Growth and Atherosclerosis," Nat. Mad. 7:833-839 (2001).							
1)	Henry, et al., "Intracoronary Administration of Recombinant Human Vascular Endothelial Growth Factor to Patients with Coronary Artery Disease," Am. Heart J. 142:872-880 (2001).							
10	Holzgreve et al., "Disturbed Feto-Maternal Cell Traffic in Preeclampsia," Obstet. Gynecol. 91:669-672 (1998).							
10)	Homig et al., "Release and Complex Formation of Soluble VEGFR-1 from Endothelial Cells and Biological Fluids," <i>Lab. Invest.</i> 80:443–454 (2000).							
w)	Isner et al., "VEGF Gene Transfer for Diabetic Neuropathy," Hum. Gene Ther. 12:1593-1594 (2001).							
1)	Isner, "Myocardial Gene Therapy," Nature 415:234-239 (2002).							
1))	Kabbinavar et al., "Phase II, Randomized Trial Comparing Bevacizumab Plus Fluorouracil (FU)/Leucovorin (L\ with FU/LV Alone in Patients with Metastatic Randomized Colorectal Cancer," J. Clin. Oncol. 21:60-65 (2003).							
19	Kaku et al., "Effects of Vascular Endothelial Growth Factor on Osteoclast Induction During Tooth Movement in Mice," J. Dent. Res. 80:1880-1883 (2001).							
17	Kendall et al., "Identification of a Natural Soluble Form of the Vascular Endothelial Growth Factor Receptor, Ft 1, and Its Heterodimerization with KDR," <i>Biochem. Biophys. Res. Commun.</i> 226:324-328 (1996).							
الآ	Kendall et al., "Inhibition of Vascular Endothelial Cell Growth Factor Activity by an Endogenously Encoded Soluble Receptor," <i>Proc. Natl. Acad. Sci.</i> 90:10705-10709 (1993).							
19	Kincaid-Smith, "The Renal Lesion of Preedampsia Revisited," Am. J. Kidney Dis. 17:144-148 (1991).							
19	Knebelmann et al., "Transforming Growth Factor o is a Target for the Von Hippel-Lindau Tumor Suppressor," Cancer Res. 58:226-231 (1998).							
19	Koga et al., "Elevated Serum Soluble Vascular Endothelial Growth Factor Receptor 1 (sVEGFR-1) Levels in Women with Preeclampsia," J. Clin. Endocrinol. Metab. 88:2348-2351 (2003).							
או	Koransky, "VEGF Gene Delivery for Treatment of Ischemic Cardiovascular Disease," <i>Trends Cardiovasc. Med</i> 12:108-114 (2002).							
الرا	Kuo et al., "Comparative Evaluation of the Antitumor Activity of Antiangiogenic Proteins Delivered by Gene Transfer," <i>Proc. Natl. Acad. Sci. U.S.A.</i> 98:4605-4610 (2001).							
ツ	Lai et al., "Inhibition of Angiogenesis by Adenovirus-Mediated sFIt-1 Expression in a Rat Model of Corneal Neovascularization," Hum. Gene Ther. 12:1299-1310 (2001).							
10	Lai et al., "Potential Long-Term Inhibition of Ocular Neovascularisation by Recombinant Adeno-Associated Vin Mediated Secretion Gene Therapy," Gene Ther. 9:804-813 (2002).							
	11111 DATE CONSIDERED 6/20/2006							

SUBSTITUTE FORM PTO-1449	U.S. DEPARTMENT OF COMMERCE	Attorney Docket No.	01948/088004
(MODIFIED)	PATENT AND TRADEMARK OFFICE	Serial No.	10/624,809
INFORMATION	ON DISCLOSURE	Applicant	Karumanchi et al.
STATEMEN	T BY APPLICANT (theets if necessary)	Filing Date	July 21, 2003
(000 000 000	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	Group	1645
(37 C.F.R. § 1.98(b))		IDS Filed	February 7, 2005

	OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PLACE OF PUBLICATION)
り	Lain et al., "Contemporary Concepts of the Pathogenesis and Management of Preeclampsia," JAMA 287:3183-3186 (2002).
り	LeCouter et al., "Identification of an Angiogenic Mitogen Selective for Endocrine Gland Endothelium," Nature 412:877-884 (2001).
1))	Levine et al., "Trial of Calcium for Preeclampsia Prevention (CPEP): Rationale, Design, and Methods," Control Clin. Trials 17:442-469 (1996).
10	Levine et al., "Trial of Calcium to Prevent Preedampsia," N. Engl. J. Med. 337:69-76 (1997).
12	Lip et al., "Plasma VEGF and Soluble VEGF Receptor FLT-1 in Proliferative Retinopathy: Relationship to Endothelial Dysfunction and Laser Treatment," <i>Invest. Ophthalmol. Vis. Sci.</i> 41:2115-2119 (2000).
B	Luttun et al., "Soluble VEGF Receptor Flt1: The Elusive Predampsia Factor Discovered?" J. Clin. Invest. 111:600-602 (2003).
Ψ	Masuda et al., "Vascular Endothelial Growth Factor Enhances Glomerular Capillary Repair and Accelerates Resolution of Experimentally Induced Glomerulonephritis," Am. J. Pathol. 159:599-608 (2001).
1D	Maynard et al., "Excess Placental Soluble fms-Like Tyrosine Kinase 1 (sFlt1) May Contribute to Endothelial Dysfunction, Hypertension, and Proteinuria in Preeclampsia," <i>J. Clinical Invest.</i> 111:649-658 (2003).
D	Mills et al., "Prostacyclin and Thromboxane Changes Predating Clinical Onset of Preeclampsia," <i>JAMA</i> 281:356-362 (1999).
D	Morbidelli et al., "Nitric Oxide Mediates Mitogenic Effect of VEGF on Coronary Venular Endothelium," Am. J. Physiol. 270:H411-H415 (1996).
ID	Mortensen et al., "Smoking, Sex of the Offspring, and Risk of Placental Abruption, Placenta Previa, and Preeclampsia: A Population-Based Cohort Study," Acta Obstet. Gynecol. Scand 80:894-898 (2001).
12	Myers et al., "Hypertensive Diseases and Edampsia," Curr. Opin. Obstet. Gynecol. 14:119-125 (2002).
10	Neufeld et al., "Similarities and Differences Between the Vascular Endothelial Growth Factor (VEGF) Splice Variants," Cancer Metastasis Rev. 15:153-158 (1996).
D	Newman et al., "Cigarette Smoking and Pre-Eclampsia: Their Association and Effects on Clinical Outcomes," J Matem. Fetal. Med. 10:166-170 (2001).
ID	Nishimoto et al., "Glomerular Hypertrophy in Preeclamptic Patients with Focal Segmental Glomerulosclerosis: A Morphometric Analysis," Clin. Nephrol. 51:209-219 (1999).
D	Ong et al., "First-Trimester Maternal Serum Levels of Placenta Growth Factor as Predictor of Preeclampsia and Fetal Growth Restriction," Obstet. Gynecol. 98:608-611 (2001).

					<u>, , , , , , , , , , , , , , , , , , , </u>
EXAMINER	1/2/1		DATE CONSIDERED	6/20/2	2006
EYAMINED: In	uitial citation considered	1. Draw line through citation	if not in conformance and	d not consi	dered Include cor

SUBSTITUTE FORM PTO-1449 (MODIFIED)	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	Attorney Docket No. Serial No.	01948/088004 10/624,809
		Applicant	Karumanchi et al.
STATEMEN'	ON DISCLOSURE T BY APPLICANT	Filing Date	July 21, 2003
(Use several s	heets if necessary)	Group	1645
(37 C.F.R. § 1.98(b))		IDS Filed	February 7, 2005

	OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PLACE OF PUBLICATION)
D	Ostendorf et al., "VEGF ₁₆₅ Mediates Glomerular Endothelial Repair," J. Clin. Invest. 104:913-923 (1999).
10	Page et al., "Excessive Placental Secretion of Neurokinin B During the Third Trimester Causes Pre-Eclampsia," Nature 405:797-800 (2000).
10	Parry et al., "Dinucleotide Repeat Polymorphisms within the Fit-1 Gene in Minimal Change Nephropathy," Eur. J. Immunogenet. 26:321-323 (1999).
1)	Paternoster et al., "Markers of Tubular Damage in Pre-Eclampsia," Minerva Ginecol. 51:373-377 (1999).
IP	Polliotti et al., "Second-Trimester Maternal Serum Placental Growth Factor and Vascular Endothelial Growth Factor for Predicting Severe, Early-Onset Preeclampsia," Obstet. Gynecol. 101:1266-1274 (2003).
19	Quirici et al., "Differentiation and Expansion of Endothelial Cells from Human Bone Marrow CD 133* Cells," Br. J. Haematol. 115:186-194 (2001).
19	Regnault et al., "Placental Expression of VEGF, PIGF and their Receptors in a Model of Placental Insufficiency— Intrauterine Growth Restriction (PI-IUGR)," <i>Placenta</i> 23:132-144 (2002).
ID.	Roberts et al., "Pathogenesis and Genetics of Pre-Eclampsia," Lancet 357:53-56 (2001).
10	Sato et al., "Increased Pulmonary Vascular Contraction to Serotonin after Cardiopulmonary Bypass: Role of Cyclooxygenase," J. Surg. Res. 90:138-143 (2000).
ID	Strevens et al., "Glomerular Endotheliosis in Normal Pregnancy and Pre-Edampsia," Br. J. Obstet. Gynaecol. 110:831-836 (2003).
19	Su et al., "Decreased Maternal Serum Placenta Growth Factor in Early Second Trimester and Preeclampsia," Obstet. Gynecol. 97:898-904 (2001).
19	Taylor et al., "Longitudinal Serum Concentrations of Placental Growth Factor: Evidence for Abnormal Placental Angiogenesis in Pathologic Pregnancies," <i>Am. J. Obstet. Gynecol.</i> 188:177-182 (2003).
10	Tidwell et al., "Low Maternal Serum Levels of Placenta Growth Factor as an Antecedent of Clinical Preeclampsia," Am. J. Obstet. Gynecol. 184:1267-72 (2001).
LD.	Tischer et al., "The Human Gene for Vascular Endothelial Growth Factor," J. Biol. Chem. 266:11947-11954 (1991).
10	Tjoa et al., "Plasma Placenta Growth Factor Levels in Midtrimester Pregnancies," Obstet. Gynecol. 98:600-607 (2001).
JD	Torry et al., "Expression and Function of Placenta Growth Factor: Implications for Abnormal Placentation," J. Soc. Gynecol. Investig. 10:178-88 (2003).

EXAMINER	V	1//	4/	7		DATE C	ONSIDERED	06/	20/	ra	16
			_//		 				,		

SUBSTITUTE FORM PTO-1449	U.S. DEPARTMENT OF COMMERCE	Attorney Docket No.	01948/088004
(MODIFIED)	PATENT AND TRADEMARK OFFICE	Serial No.	10/624,809
INFORMATI	ON DISCLOSURE	Applicant	Karumanchi et al.
STATEMEN	ON DISCLOSURE T BY APPLICANT sheets if necessary)	Filing Date	July 21, 2003
(Ose several s	sneets ii necessary)	Group	1645
(37 C.F.R. § 1.98(b))		IDS Filed	February 7, 2005

	OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PLACE OF PUBLICATION)
19	Torry et al., "Preeclampsia is Associated with Reduced Serum Levels of Placenta Growth Factor," Am. J. Obstet. Gynecol. 179:1539-1544 (1998).
B	Traver et al., "Walking the Walk: Migration and other Common Themes in Blood and Vascular Development," Cell 108:731-734 (2002).
D	Tsatsaris et al., "Overexpression of the Soluble Vascular Endothelial Growth Factor Receptor in Preeclamptic Patients: Pathophysiological Consequences," <i>J Clin. Endocrinol. Metab.</i> 88:5555-5563 (2003).
ID.	Tucci et al., "rhVEGF and Experimental Rat Skin Flaps: Systemic or Local Administration and Morphological Characteristics," Int. J. Artif. Organs 24:743-751 (2001).
19	Vuorela et al., "Amniotic Fluid-Soluble Vascular Endothelial Growth Factor Receptor-1 in Preeclampsia," Obstet. Gynecol. 95:353-357 (2000).
19	Walker, "Pre-Eclampsia," Lancet 356:1260-1265 (2000).
\mathcal{D}	Yang et al., "A Randomized Trial of Bevacizumab, an Anti-Vascular Endothelial Growth Factor Antibody, for Metastatic Renal Cancer," N. Engl. J. Med. 349:427-434 (2003).
1	Yang et al., "sFit-1 Gene-Transfected Fibroblasts: A Wound-Specific Gene Therapy Inhibits Local Cancer Recurrence," Cancer Res. 61:7840-7845 (2001).
9	Zhang et al., "Birth-Weight-for-Gestational-Age-Patterns by Race, Sex, and Parity in the United States Population," Obstet. Gynecol. 86:200-208 (1995).
ID.	Zhou et al., "Preeclampsia is Associated with Failure of Human Cytotrophoblasts to Mimic a Vascular Adhesion Phenotype. One Cause of Defective Endovascular Invasion in this Syndrome?" J. Clin. Invest 99:2152-2164 (1997).
D	Zhou et al., "Vascular Endothelial Growth Factor Ligands and Receptors that Regulate Human Cytotrophoblast Survival are Dysregulated in Severe Preedampsia and Hemolysis, Elevated Liver Enzymes, and Low Platelets Syndrome," <i>Am. J. Pathol.</i> 160:1405-1423 (2002).
	
L	<u> </u>

EXAMINER /	11/1	DATE CONSIDERED 06/20/2006

Sheet 1 of 1

SUBSTITUTE FORM PTO-1449	U.S. DEPARTMENT OF COMMERCE	Attomey Docket No.	01948/088004
(MODIFIED)	PATENT AND TRADEMARK OFFICE	Serial No.	10/624,809
NEODA A TI	N. 51001 001155	Applicant	Karumanchi et al.
STATEMEN	ON DISCLOSURE BY APPLICANT heets if necessary)	Filing Date	July 21, 2003
(0.0000.00.00	,,	Group	1645
(37 C.F.R. § 1.98(b))		IDS Filed	April 25, 2005

			U.S. PATENT DOCUMENTS					
Examiner's Initials	Document Number	Issue or Publication Date	Patentee or Applicant	Class	Subclass	Filing Date (If Appropriate)		
	FORE	EIGN PATENT O	R PUBLISHED FOREIGN PATENT	APPLICATION) DN			
Examiner's Initials	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation (Yes/No)		
		·						
-	OTHER DOCI	JMENTS (INCLU	JDING AUTHOR, TITLE, DATE, PL	ACE OF PUB	LICATION)			
1D	Brown et al., "Vas 42:1457-1461 (19		ity Factor mRNA and Protein Expres	ssion in Huma	an Kidney," <i>K</i>	idney Int.		
D	Roberts, "Endoth	elial Dysfunction	in Preeclampsia," Semin. Reprod.	Endocrinol. 1	6:5-15 (1998)).		
(P)	Sibai, "Diagnosis and Management of Gestational Hypertension and Preeclampsia," Obstet. Gynecol. 102:181-192 (2003).							
10	Sibai et al., "Wha	Sibai et al., "What We Have Learned About Preeclampsia," Semin. Perinatol. 27:239-246 (2003).						
19	Simon et al., "Expression of Vascular Endothelial Growth Factor and Its Receptors in Human Renal Ontogenesis and in Adult Kidney," Am. J. Physiol. 268:F240-F250 (1995).							
			· · · · · · · · · · · · · · · · · · ·					

EXAMINER ///	DATE CONSIDERED 06/20/2006
EXAMINER: Initial citation considered. Draw line through citation form with the next communication to applicant.	if not in conformance and not considered. Include copy of this

MODIFIES	M PTO-1449 U.S. DEPARTME PATENT AND T
DEC 2 3 7005 W	INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary

U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE

Attorney Docket No.

01948/088004

Serial No.

10/624,809

Applicant

Karumanchi et al.

Filing Date

July 21, 2003

Group

1646

(37 C.F.R. § 1.98(b))

IDS Filed

December 21, 2005

U.S. PATENT DOCUMENTS							
Examiner's Initials	Document Number	Publication Date	Patentee or Applicant	Class	Subclass	Filing Date (If Appropriate)	
	FORE	EIGN PATENT (OR PUBLISHED FOREIGN PATENT A	PLICATIO)N		
Examiner's Initials	Document Number	Publication Date	Country or Patent Office	Class	Subdass	Translation (Yes/No)	
	OTHER DOC	JMENTS (INCL	UDING AUTHOR, TITLE, DATE, PLAC	E OF PUB	LICATION)		
(D	Brockelsby et al., "VEGF Via VEGF Receptor-1 (FII-1) Mimics Preedamptic Plasma in Inhibiting Uterine Blood Vessel Relaxation in Pregnancy: Implications in the Pathogenesis of Preedampsia," Lab. Invest.79: 1101-1111 (1999)						
10	International Sea	rch Report Appl	lication Number PCT/US03/22892				
ÍP	Foreign Search F	Report Application	on Number SG 200500265-4				
			·				
	<u> </u>						
		<u></u>					

			<i>l.</i>
EXAMINER ///	DATE CONSIDERED 06/2	20/	2006



SUBSTITUTE FORM PTO-1449 (MODIFIED)	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	Attorney Docket No.	01948/088004
		Serial No.	10/624,809
N/500147/01/01/02/02/05/05		Applicant	Karumanchi et al
STATEMEN	ON DISCLOSURE T BY APPLICANT	Filing Date	July 21, 2003
(Use several sheets if necessary)		Group	1646
(37 C.F.R. § 1.98(b))		IDS Filed	March 21,2006

		U.S. P	ATENT DOCUMENTS	 ·				
Examiner's Initials	Document Number	Publication Date	Patentee or Applicant	Class	Subclass	Filing Date (If Appropriate)		
	2003/0144298	July 31, 2003	Curwen et al.					
2004/0038305		February 26, 2004	Poston et al.					
	2005/0025762	February 3, 2005	Karumanchi et al.					
	2005/0148040	July 7, 2005	Thadhani et al.					
	2005/0170444	August 4, 2005	Karumanchi et al.					
	FOREIG	ON PATENT OR PUE	BLISHED FOREIGN PATENT APP	PLICATION				
Examiner's Initials	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation (Yes/No)		
			-					
	OTHER DOCUM	IENTS (INCLUDING	AUTHOR, TITLE, DATE, PLACE	OF PUBLIC	CATION)			
W		Helske et al., "Expression of Vascular Endothelial Growth Factor Receptors 1, 2 and 3 in Placentas From Normal And Complicated Pregnancies, " Mol. Hum. Reprod. 7: 205-210 (2001).						
10	Levine et al., *Cir (2004).	Levine et al., "Circulating Angiogenic Factors and the Risk Of Preeclampsia," N. Engl. J. Med. 350: 672-683 (2004).						
19	Levine et al., "Uri	Levine et al., "Urinary Placental Growth Factor and Risk of Preeclampsia," JAMA 293: 77-85 (2005).						
D		Livingston et al., "Placenta Growth Factor is not an Early Marker For the Development of Severe Preedampsia," Am. J. Obstet. Gynecol. 184: 1218- 1220 (2001).						
1)		Livingston et al., "Reductions of Vascular Endothelial Growth Factor and Placental Growth Factor Concentrations in Severe Preeclampsia," <i>Am. J. Obstet. Gynecol.</i> 183: 1554-1557 (2000).						
ID	Thadhani et al., " Preedampsia," J	Thadhani et al., "First Trimester Placental Growth Factor and Soluble Fms-Like Tyrosine Kinase 1 and Risk for Preedampsia," J. Clin. Endocrinol. Metab. 89: 770-775 (2004).						
(I)	International Sea	International Search Report Application Number PCT/US05/03884						

		<i></i>	/
EXAMINER //	DATE CONSIDERED D6	20/	2006
EVALUATED tailed situation considered	Denve line through citation if not in conformation and not o	ankida	end Include